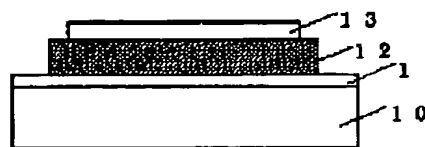


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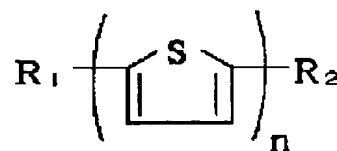


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INVENTOR : HOTTA OSAMU;

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TITLE : ORGANIC LIGHT EMITTING DEVICE



ABSTRACT : PURPOSE: To obtain an organic light emitting device excellent in electrical and luminous characteristics, by forming on a lower electrode a thin film composed of a specific oligothiophene, and providing a rectifying property between the thin film and the lower or upper electrode.

CONSTITUTION: A thin film 12 composed of an oligothiophene represented by the formula [(n) is an integer of '4' or more, and R<sub>1</sub> and R<sub>2</sub> are hydrogen or alkyl group, respectively], is formed on the lower electrode 11 formed on a substrate 10. An upper electrode 13 is formed on the oligothiophene thin film 12, and rectifying property is provided between the thin film 12 and either or both of the upper and lower electrodes 11, 13. This makes it possible to prepare an organic light emitting device composed of organic thin film having a high carrier mobility and a uniform degree of polymerization. The thin film 12 requires a thickness of 10nm or above. Luminous efficacy can improved by combining oligothiophene thin films different in degree of polymerization, and forming a two-four layer structure.

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